

3 illumination light, an irradiance at a wavelength in a range of 600 nm to 100 nm  
4 is 0.1 W/m<sup>2</sup> or more.

1 *sub 1* 35. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 1, wherein: radiation in the predetermined wavelength range  
3 is radiation in a range of 600 nm to 1100 nm; and the radiation in the range of  
4 600 nm to 1100 nm is radiated while being pulse-modulated at 0.5 to 13 Hz.

1 36. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 1, wherein on an irradiated plane to be irradiated with the  
3 illumination light, radiant energy of radiation at a wavelength in a range of 600  
4 nm to 1100 nm is equal to or greater than 15% of radiant energy of radiation at a  
5 wavelength in a visible wavelength range of 380 nm to 780 nm.

1 37. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 1, wherein a radiant efficiency of radiation at a wavelength in  
3 a range of 600 nm to 1100 nm is equal to or greater than 0.001 W/lm.

1 38. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 1, wherein on an irradiated plane to be irradiated with the  
3 illumination light, radiant energy of radiation at a wavelength in a range of 1100  
4 nm to 2.5  $\mu$ m is smaller than radiant energy of radiation at a wavelength in a  
5 range of 600 nm to 1100 nm.

1 39. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 1, wherein: the illumination light has a color of light which  
3 does not cause discomfort; and a deviation (duv) of the chromaticity of light  
4 from a Planckian locus in Commission Internationale de l'Eclairage (CIE) 1960  
5 UCS chromaticity diagram is with  $\pm 0.01$ .

1 40. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 36, wherein the apparatus has a configuration of a discharge  
3 lamp.

1 41. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 37, wherein the apparatus has a configuration of a discharge  
3 lamp.

1 42. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 38, wherein the apparatus has a configuration of a discharge  
3 lamp.

1 43. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 39, wherein the apparatus has a configuration of a discharge  
3 lamp.

1 44. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 40, wherein the apparatus has a configuration of a fluorescent  
3 discharge lamp.

1 45. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 41, wherein the apparatus has a configuration of a fluorescent  
3 discharge lamp.

1 46. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 42, wherein the apparatus has a configuration of a fluorescent  
3 discharge lamp.

1 47. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 43, wherein the apparatus has a configuration of a fluorescent  
3 discharge lamp.

1 48. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 36, wherein the apparatus has a configuration of an  
3 incandescent lamp.

49. (Newly Added) A radiant energy radiation apparatus  
according to claim 37, wherein the apparatus has a configuration of an  
incandescent lamp.

50. (Newly Added) A radiant energy radiation apparatus  
according to claim 38, wherein the apparatus has a configuration of an  
incandescent lamp.

51. (Newly Added) A radiant energy radiation apparatus  
according to claim 39, wherein the apparatus has a configuration of an  
incandescent lamp.

52. (Newly Added) A radiant energy radiation apparatus  
according to claim 36, wherein the apparatus has a configuration of a light  
source including a solid light emitting device.

53. (Newly Added) A radiant energy radiation apparatus  
according to claim 37, wherein the apparatus has a configuration of a light  
source including a solid light emitting device.

54. (Newly Added) A radiant energy radiation apparatus  
according to claim 38, wherein the apparatus has a configuration of a light  
source including a solid light emitting device.

55. (Newly Added) A radiant energy radiation apparatus  
according to claim 39, wherein the apparatus has a configuration of a light  
source including a solid light emitting device.

56. (Newly Added) A radiant energy radiation apparatus  
according to claim 17, wherein on an irradiated plane to be irradiated with  
radiation, an irradiance at a wavelength in a range of 700 nm to 1100 nm is 0.03  
W/M<sup>2</sup> or more.

1 57. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 17, wherein: radiation in the predetermined wavelength  
3 range is radiation in a range of 700 nm to 1100 nm; and radiation in the range of  
4 700 nm to 1100 nm is radiated while being pulse-modulated at 0.5 to 13 Hz.

1 58. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 17, wherein on an irradiated plane to be irradiated with  
3 radiation, radiant energy of radiation at a wavelength in a range of 1100 nm to  
4 2.5  $\mu\text{m}$  is smaller than radiant energy of radiation at a wavelength in a range of  
5 700 nm to 1100 nm.

1 59. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 56, wherein the apparatus has a configuration of a discharge  
3 lamp.

1 60. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 57, wherein the apparatus has a configuration of a discharge  
3 lamp.

1 61. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 58, wherein the apparatus has a configuration of a discharge  
3 lamp.

1 62. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 59, wherein the apparatus has a configuration of a fluorescent  
3 discharge lamp.

1 63. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 60, wherein the apparatus has a configuration of a fluorescent  
3 discharge lamp.

1 64. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 61, wherein the apparatus has a configuration of a fluorescent  
3 discharge lamp.

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1 65. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 56, wherein the apparatus has a configuration of an  
3 incandescent lamp.

1 66. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 57, wherein the apparatus has a configuration of an  
3 incandescent lamp.

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1 67. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 58, wherein the apparatus has a configuration of an  
3 incandescent lamp.

1 68. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 56, wherein the apparatus has a configuration of a light  
3 source including a solid light emitting device.

1 69. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 57, wherein the apparatus has a configuration of a light  
3 source including a solid light emitting device.

1 70. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 58, wherein the apparatus has a configuration of a light  
3 source including a solid light emitting device.

1 71. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 17, wherein the apparatus has an illumination function of  
3 providing illumination light for an illumination purpose.

1 72. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 17, wherein the apparatus has a display function of displaying  
3 a predetermined image.  
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1 73. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 72, wherein the predetermined image is displayed by the  
3 means for radiating radiation in the predetermined wavelength range.

1 74. (Newly Added) A radiant energy radiation apparatus  
2 according to claim 72, further comprising display means for displaying the  
3 predetermined image, wherein the means for radiating radiation in the  
4 predetermined wavelength range is attached to the display means.

Respectfully Submitted,

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Dated: July 18, 2000

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